

Operator Preventive Maintenance Checks and Services

4110-01-117-3902 Refrigerator, Mechanical, Blood Bank

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B, S	Refrigerator a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand. b. Check the electrical power cord for cuts, fraying, or deterioration. c. Check for proper installation of the refrigerator in accordance with operating instructions. d. Perform "Start-up" procedures in accordance with operating instructions.	Missing parts or accessories preclude operation of the refrigerator. The power cord is cracked or frayed, wires are not covered by the cord insulation, or the damage prevents the refrigerator from operating or maintaining 36° - 40° F (2° - 4° C). There is insufficient clearance at the top and rear of the refrigerator that causes the compressor to overheat and the refrigerator will not maintain 36° - 40° F (2° - 4° C). Refrigerator fails to start-up.
2	B, S	Monitor a. Check for broken, worn, or damaged switches, indicators, and displays on the control panel. Ensure the 9-volt standby battery (located on top of the monitor module rear protective/dust cover) is operational. b. Perform "Start-up" Procedures in accordance with operating instructions. c. Perform the "Surveillance Module" check out procedure in accordance with operating instructions. d. Perform the monitor check out procedure in accordance with operating instructions. e. Perform "Door Position" check out procedure in accordance with operating instructions.	The monitor does not operate. Monitor fails to start-up. Monitor does not display upper or lower solution temperatures. Safe lamp does not illuminate. Failure lamp and alarm do not operate when the BATTERY TEST switch is actuated. Alarm is not heard within 3 minutes +/- 30 seconds when door is held open continuously.
3	B, A, S	Doors a. Verify that the doors close and seal properly. b. Inspect the door hinges for loose or missing hardware.	Defective door gasket prevents refrigerator from operating or maintaining 36° - 40° F (2° - 4° C). Loose or missing hardware prevents refrigerator from operating or maintaining 36° - 40° F (2° - 4° C).

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4	B, S	Drawers Ensure that the drawers are unobstructed and move freely. Inspect for dirt and other foreign substances.	Obstructed or damaged drawers prevent refrigerator doors from sealing.
5	B, S	Temperature Recorder Verify the operation of the temperature recorder.	Pen or temperature recorder is defective.
6	S	Condensing Unit Inspect condenser and condenser fan for damage and dust.	Refrigerator does not operate or maintain 36° - 40° F (2° - 4° C).
7	D	Equipment Care Ensure "Equipment Care" is conducted as directed by the manufacturer's literature.	